

**National Institute for Computational Sciences (NICS)****Oak Ridge National Laboratory**

Post Office Box 2008
One Bethel Valley Road
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12 July 2012

Dear John,

The National Institute for Computational Sciences (NICS) wishes to participate in the XSEDE Federation and SP Forum as a Level 1 Service Provider (SP) through its delivery of system operational support, user information, gateways and interfaces, extended collaborative services, and EOT for the computational resource called Kraken.

Kraken is a 1.17 Petaflop Cray XT5 supercomputer with 9,408 nodes each with two AMD Istanbul processors and 16 GB of memory, and a 3 PB Lustre file system. Kraken is used for both capability and capacity computing within the XSEDE environment as well as hosting several science gateways.

Kraken has been and continues to be a solid platform for petascale computing, enabling science at scale otherwise not possible for the XSEDE community. When not doing capability runs, Kraken also provides extremely high throughput computing for the XSEDE user base. The Kraken project highly leverages the XSEDE comprehensive set of robust services and documentation including the broad scientific domain knowledge, support of community codes and gateways, and the high-speed network dedicated to the project.

We have reviewed the XD Service Providers Forum: Charter, Membership, and Governance document (version 10.1, dated 2 February 2012, at: https://www.xsede.org/documents/10157/281380/SPF_Definition_v10.1_120228.pdf3) defining the mutual responsibilities of XSEDE and an SP and are confident that we can and will fulfill our obligations as described therein.

In the event that you have an issue with our performance, please contact me, directly. Similarly, if we perceive an issue, we will contact you. In either case we commit to work with you to resolve any issues.

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We at NICS look forward to working with XSEDE to advance the mission of XSEDE and the NSF in advancing the nation's research capability.

Sincerely,

Sincerely,



Mark Fahey, PhD
NICS Deputy Director
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